

Consequently, the claims have been reviewed in detail and amended to correct the cited defects in the claims as well as any others that were apparent upon review. The various amendments appear above and every effort has been made to assure that the claims are now in proper format.

Regarding the arguments raised regarding claims 34 to 38 and 40 and 41, Applicants believe that the detector embodied by these claims item 216 in Fig. 17 and Item 414 in Fig. 22 could in fact be one or more detectors. The matrix displayed in Figs. 2 etc. could just as easily be used with the variation of the invention that uses a lens to focus light reflected from the fingertip. Figs 17 and 22 are schematic block type of diagrams and the box 216 and 414 are representative of the concept of a detection device or devices. Claims 34 and 40 have been amended to illustrate this fact.

The various office actions also requested that a listing of variations of the invention that correspond to that claimed and depicted in the drawing be provided. Applicants to assist the examination of the pending application, but without specifically admitting or denying the following are distinct species, note the following categories of variations of the present invention:

- A. Claims 1, 62, 66, 72, 73, and 79 appear to be generic to all of the variations of the optical or finger print sensor aspect of the invention.
- B. Claims 2-3 and 6-11 represent a variation of the invention depicted in Fig. 2.
- C. Claim 4 represents a variation of the invention depicted in Fig. 4.

- D. Claim 5 represents the variation depicted in Fig. 3B.
- E. Claims 12- 18 represent a variation depicted in Fig. 3A.
- F. Claims 19-29 represent a variation depicted in Figs. 5 -7.
- G. Claims 30-33 represent a variation depicted in Fig. 14.
- H. Claims 34-35 and 37-38 represent a variation depicted in Fig. 17.
- I. Claim 36 represents a variation depicted in Fig. 20.
- J. Claim 39 represents a variation depicted in Fig. 21.
- K. Claims 40-41 represent a variation depicted in Fig. 22.
- L. Claims 42-45 represent the overall system depicted in Figs. 1 and 11 that includes the optical or finger print sensor.
- M. Claims 46-56 and 57 to 61 represent methods for practicing the invention depicted in Fig. 12 and described in the specification.

Conclusion

Applicants through their representative, the undersigned has made every effort to correct the deficiencies noted in the previous office actions. Additionally, the variations

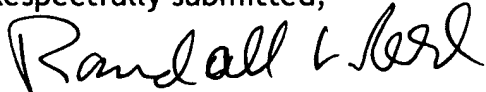
Inventors: Je-Husung Lan et al.
Serial # 09/477,943
Filing Date: 1/5/00

6

of the invention claimed in the claims have been coordinated with the variations of the invention depicted in the Figs.

Respectfully submitted,

June 25, 2003

A handwritten signature in black ink, appearing to read "Randall L. Reed". The signature is written in a cursive, flowing style.

Randall L. Reed

Reg. # 31,559
Levin Intellectual Property Group
384 Forest Ave., Suite 13
Laguna Beach, California 92651
Phone (949) 497-7676; Fax (949) 497-7679